

Plastikos Medical

CLEANROOM CAPABILITIES



LATEST INVESTMENT

Plastikos & Micro Mold broke ground on a brand new state-of-the-art medical molding facility in 2018, in support of Plastikos' exceptional cleanroom medical molding growth. The two-part expansion plan consists of a 25,000 square foot stand-alone facility, Plastikos Medical, located less than a ¼ mile from our headquarters.

Phase I of this project is scheduled to be completed by Summer 2019.

- » The facility will include a fully operational and production-ready ISO 7 (class 10,000) cleanroom, accommodating ten (10) brand new medical injection molding machines.
- » Plastikos Medical will also include all of the corresponding support departments, including a dedicated tool maintenance room, mold storage, metrology lab, and office space.
- » Each machine will be equipped with its own integrated 3-axis robot and cavity pressure monitoring system, among other advanced technologies.

Phase II of the Plastikos Medical expansion will occur as customer demand further increases.

- » Additional future expansion efforts to the new facility will consist of an additional ten (10) medical molding machines.

Plastikos' production fleet will increase to 45 injection molding machines with the completion of Phase I of the new stand-alone facility. Future Phase II expansion plans will add another ten (10) presses to the fleet. Thereby, raising the total machine count to 55 molding machines with 28 machines dedicated to cleanroom production for the medical sector of the business.

ENHANCED CLEANROOM CAPABILITIES

- > 10 BRAND NEW MEDICAL INJECTION MOLDING MACHINES EQUIPPED WITH INTEGRATED 3-AXIS ROBOTICS AND CAVITY PRESSURE MONITORING SYSTEMS
- > 100% DEDICATED TO ISO 7 (CLASS 10,000) CLEANROOM MEDICAL PRODUCTION
- > ISO 13485 MEDICAL DEVICE CERTIFIED
- > SECONDARY OPERATION CAPABILITIES
- > SUPPORTING DEPARTMENTS INCLUDE A DEDICATED TOOL MAINTENANCE ROOM, MOLD STORAGE, AND METROLOGY LAB
- > METROLOGY-GRADE COMPUTED TOMOGRAPHY (CT) SCANNING CAPABILITIES WITH A PERMISSIBLE ERROR LESS THAN 0.0002"

EXECUTIVE RESPONSE

"Our goal is to align this new molding facility with complimentary capabilities and equipment that we currently utilize within Plastikos' current ISO 7 cleanroom. This standardization approach allows us to provide our medical customers with scheduling flexibility, along with several other proprietary benefits that we have seen in our earlier expansion efforts."

-Rob Cooney, Plastikos Manufacturing Manager



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